

Converting Colors

$Y_{xy}(25.2857, 0.3675, 0.2867)$

Have a look what the booklet for
Yxy(25.2857, 0.3675, 0.2867)
contains.

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Color

Yxy(25.1556, 0.3679, 0.2865)

Conversions

Conversions Part 1

Format	Color
Hex	BD7392
RGB	189, 115, 146
RGB Percent	74%, 45%, 57%
CMY	0.2589, 0.5490, 0.4275
CMYK	0.00, 0.39, 0.23, 0.26
HSL	335°, 36%, 60%
HSV	335°, 39%, 74%
XYZ	32.3028, 25.1556, 30.3448
YIQ	140.6600, 34.1530, 25.3290

Conversions

Conversions Part 2

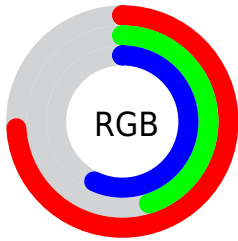
Format	Color
RYB	189, 115, 146
Decimal	12415890
CIELab	57.23, 33.30, -4.39
CIElCh	57, 33.584, 352.497
Yxy	25.1556, 0.3679, 0.2865
Android (android.graphics.Color)	4290605970 (0xFFBD7392)
YUV	140.6600, 2.6326, 42.3942
Hunter-Lab	50.1554, 27.1918, -0.7626

Details

The Yxy color **25.1556, 0.3679, 0.2865** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **42.5048, 0.2786, 0.3767**, and the grayscale version is **26.4764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9496, 0.3565, 0.2950**, and **9.6935, 0.3871, 0.2713** is the 20% darker color. If you saturate the color by 10%, you get **20.9534, 0.3893, 0.2760**, and if you desaturate by 10%, it is **30.2766, 0.3498, 0.2977**.

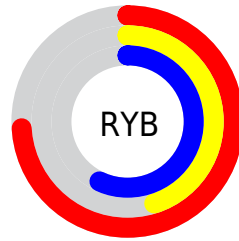
Distribution



Red (74%)

Green (45%)

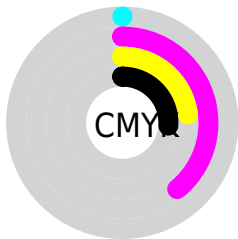
Blue (57%)



Red (74%)

Yellow (45%)

Blue (57%)

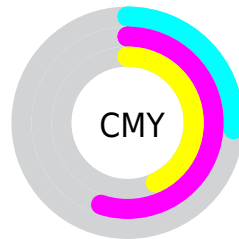


Cyan (0%)

Magenta (39%)

Yellow (23%)

Black (26%)



Cyan (26%)


Magenta (55%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1556, 0.3679, 0.2865 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 25.1556, 0.3679, 0.2865 by changing the saturation by 10% instead.


 25.1556, 0.3679,
0.2865


 25.1556, 0.3679,
0.2865

278.6120, 0.3378,
0.3094


 16.1930, 0.3764,
0.2802


 51.9095, 0.3563,
0.2952

 9.6608, 0.3879,
0.2718

 70.4697, 0.3521,
0.2984

 5.1747, 0.4044,
0.2598

 92.9978, 0.3487,
0.3010

 2.3501, 0.4300,
0.2417

119.8783, 0.3458,
0.3032

 0.8000, 0.4752,
0.2106

151.4956, 0.3434,
0.3051

 0.0000, 1.0000,
0.0000

188.2340, 0.3413,

 0.0000, 0.0000,

0.3067

0.0000

230.4780, 0.3394,
0.3081

■ 25.1556, 0.3679,
0.2865

■ 25.1556, 0.3679,
0.2865

■ 20.9534, 0.3893,
0.2760

■ 30.2766, 0.3498,
0.2977

■ 17.6111, 0.4139,
0.2671

■ 36.3634, 0.3347,
0.3088

■ 15.0687, 0.4414,
0.2609


■ 43.4642, 0.3222,
0.3196

■ 13.2564, 0.4707,
0.2586

■ 51.6227, 0.3119,
0.3298

■ 12.0928, 0.5001,
0.2614


■ 60.8802, 0.3034,
0.3393


 11.4331, 0.5281,
0.2689

 71.2758, 0.2965,
0.3481

 11.3841, 0.5305,
0.2696

 82.8464, 0.2908,
0.3561

 88.2701, 0.2853,
0.3519

 88.9206, 0.2797,
0.3398

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



25.1556, 0.3092, 0.2551



25.1556, 0.3679, 0.2865



25.1556, 0.4131, 0.3281

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.1556, 0.3679, 0.2865



25.1556, 0.3638, 0.4336



25.1556, 0.2095, 0.2694

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



25.1556, 0.3679, 0.2865



42.5048, 0.2786, 0.3767

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



25.1556, 0.2210, 0.3171



25.1556, 0.3679, 0.2865



25.1556, 0.3078, 0.4219

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.1556, 0.3679, 0.2865



25.1556, 0.4085, 0.4123



25.1556, 0.2558, 0.3760



25.1556, 0.2218, 0.2434

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.1556, 0.3679, 0.2865



25.1556, 0.4268, 0.3580



25.1556, 0.2558, 0.3760



25.1556, 0.2106, 0.2832

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



25.1568, 0.3679, 0.2865



73.7799, 0.3258, 0.3164



23.0992, 0.2826, 0.2235



15.5036, 0.3273, 0.3150



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.1568, 0.3679, 0.2865



38.4854, 0.3861, 0.2774



25.4749, 0.4063, 0.3362



9.6009, 0.3224, 0.3194



7.6751, 0.5273, 0.2678



0.3137, 0.4659, 0.2340

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



25.1568, 0.3679, 0.2865



38.4854, 0.3861, 0.2774



41.6239, 0.2581, 0.3216



9.6009, 0.3224, 0.3194



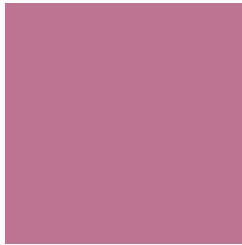
7.6751, 0.5273, 0.2678



0.3137, 0.4659, 0.2340

Previews

White Background



This preview shows how the Yxy color 25.1556, 0.3679, 0.2865 looks on a white background.

Color Contrast Check

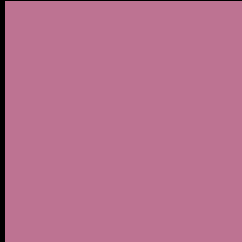
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 25.1556, 0.3679, 0.2865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

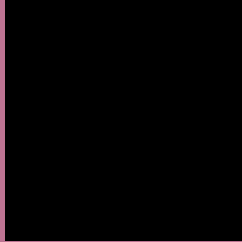
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.1556, 0.3679, 0.2865

Background



This preview shows how black text looks on a background with the Yxy color 25.1556, 0.3679, 0.2865.



This preview shows how white text looks on a background with the Yxy color 25.1556, 0.3679, 0.2865.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

25.1556, 0.3679, 0.2865

Protanopia

25.4977, 0.2872, 0.2915

Deuteranopia

25.4229, 0.3201, 0.3145



Tritanopia

25.0540, 0.3892, 0.3165

Trichromacy



Original Color

25.1556, 0.3679, 0.2865

Protanomaly

24.9371, 0.3135, 0.2885

Deuteranomaly

25.0849, 0.3375, 0.3031

Tritanomaly

25.1352, 0.3816, 0.3054

Monochromacy



Original Color

25.1556, 0.3679, 0.2865

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.7548, 0.3307, 0.3119

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1556, 0.3679, 0.2865 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(189, 115, 146)` looks like.

```
.text, #text, p{  
    color:rgb(189, 115, 146)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(189, 115, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 115, 146) }
```

Border

The CSS property to change the border of an element to Yxy 25.1556, 0.3679, 0.2865 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 115, 146) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(189, 115, 146) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(189, 115, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 115, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 115, 146);  
box-shadow:4px 4px 4px 4px rgb(189, 115,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1556, 0.3679, 0.2865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 115, 146) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(189,  
115, 146) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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